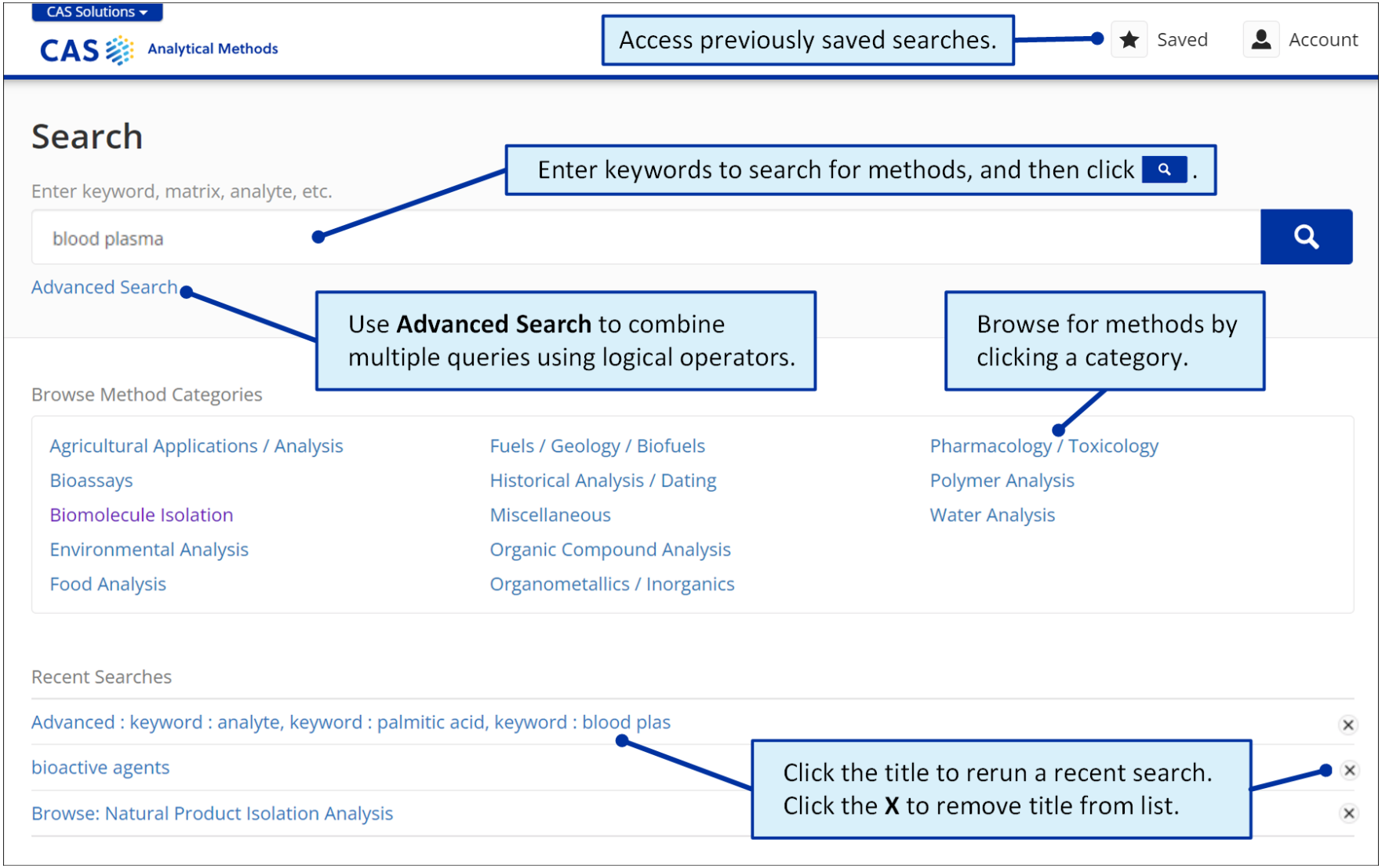
Search


CAS Solutions
CAS Analytical Methods
Access previously saved searches.
Saved
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Search
Enter keywords to search for methods, and then click .
Enter keyword, matrix, analyte, etc.
blood plasma
Advanced Search
Use Advanced Search to combine multiple queries using logical operators.
Browse for methods by clicking a category.
Browse Method Categories
Agricultural Applications / Analysis
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Biomolecule Isolation
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Miscellaneous
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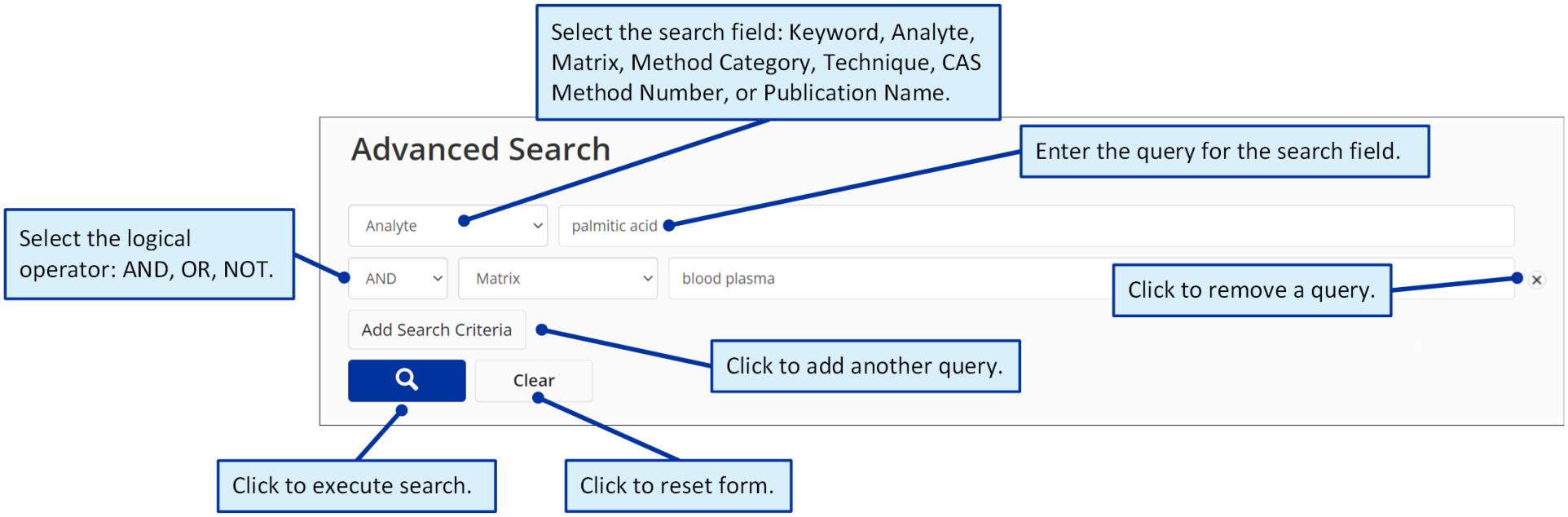
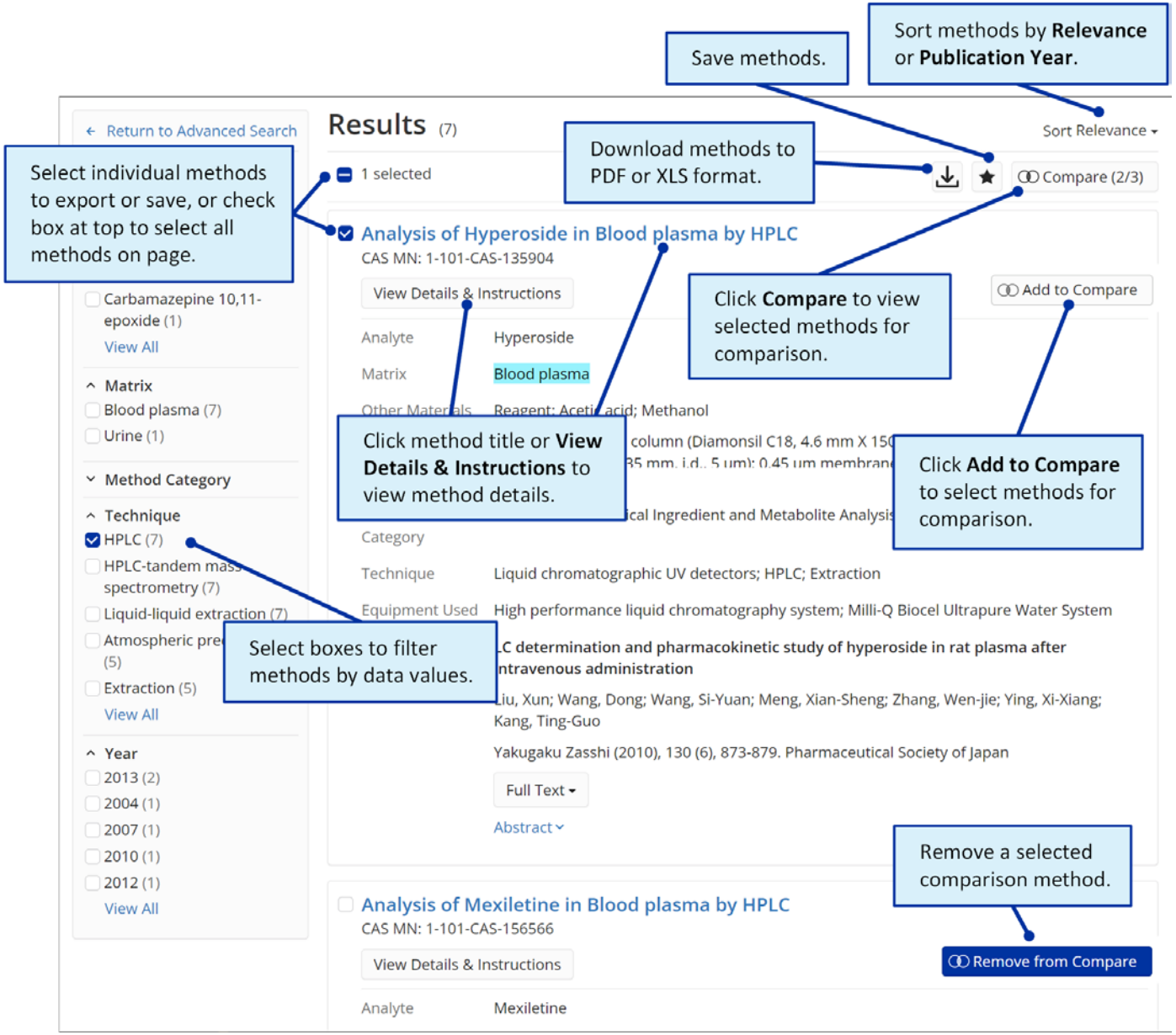
Polymer Analysis
Water Analysis
Recent Searches
Advanced : keyword : analyte, keyword : palmitic acid, keyword : blood plas
bioactive agents
Browse: Natural Product Isolation Analysis
Click the title to rerun a recent search.
Click the X to remove title from list.

Advanced Search

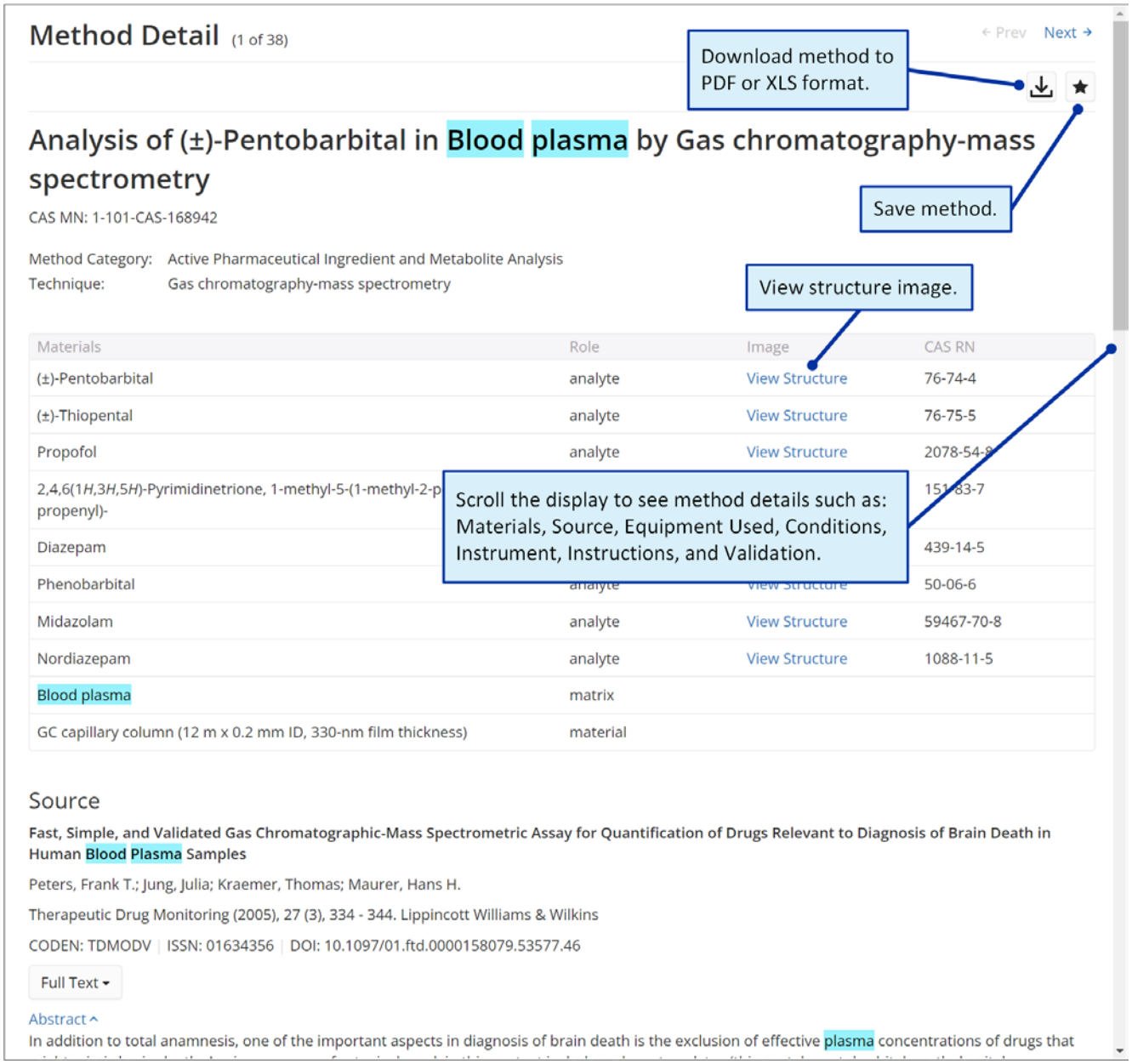


Results

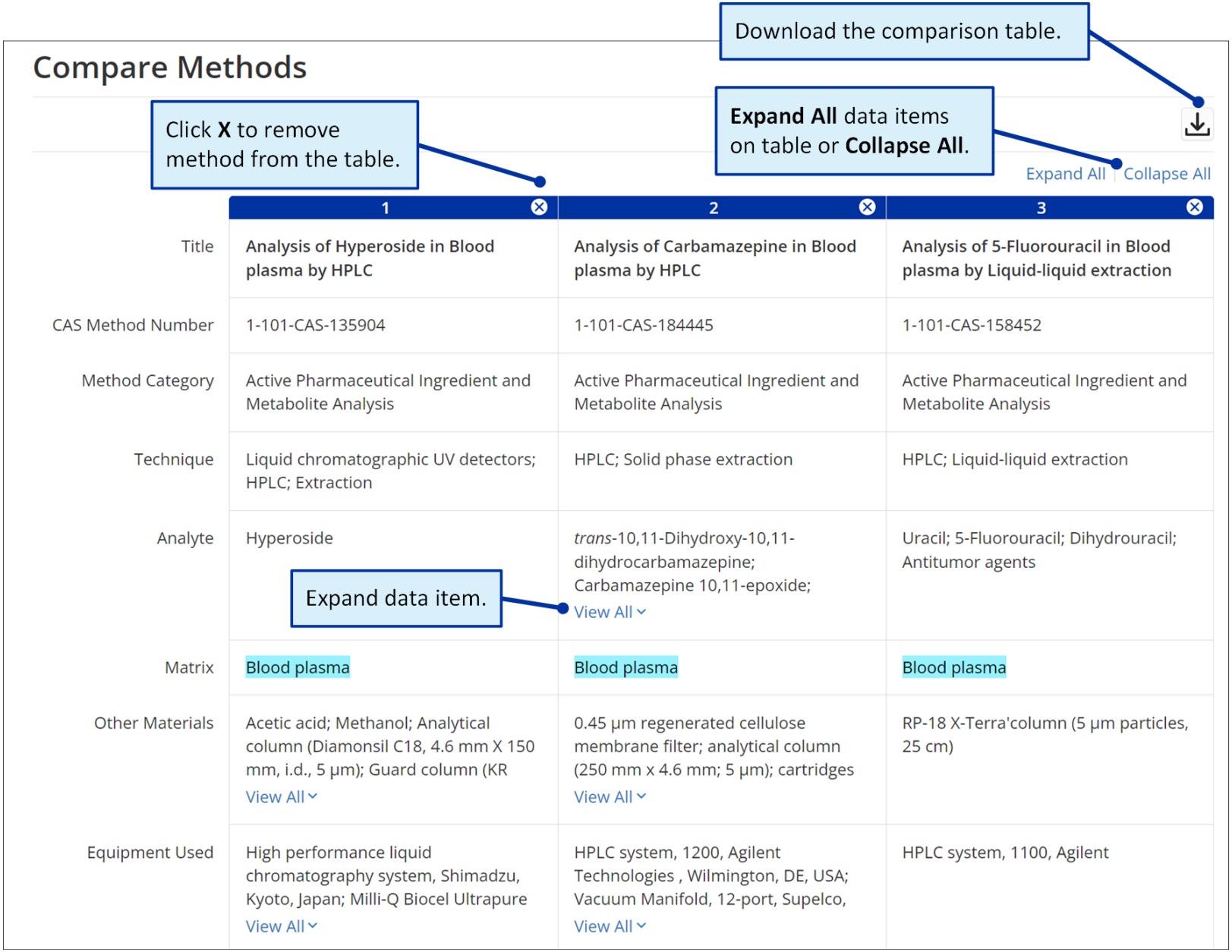


See Analytical Methods Help for more information. For assistance, contact the CAS Customer Center.

Method Detail



Compare Methods



	1	2	3
Title	**Analysis of Hyperoside in Blood plasma by HPLC**	**Analysis of Carbamazepine in Blood plasma by HPLC**	**Analysis of 5-Fluorouracil in Blood plasma by Liquid-liquid extraction**
CAS Method Number	1-101-CAS-135904	1-101-CAS-184445	1-101-CAS-158452
Method Category	Active Pharmaceutical Ingredient and Metabolite Analysis	Active Pharmaceutical Ingredient and Metabolite Analysis	Active Pharmaceutical Ingredient and Metabolite Analysis
Technique	Liquid chromatographic UV detectors; HPLC; Extraction	HPLC; Solid phase extraction	HPLC; Liquid-liquid extraction
Analyte	Hyperoside	*trans*-10,11-Dihydroxy-10,11-dihydrocarbamazepine; Carbamazepine 10,11-epoxide; View All	Uracil; 5-Fluorouracil; Dihydrouracil; Antitumor agents
Matrix	Blood plasma	Blood plasma	Blood plasma
Other Materials	Acetic acid; Methanol; Analytical column (Diamonsil C18, 4.6 mm X 150 mm, i.d., 5 µm); Guard column (KR View All	0.45 µm regenerated cellulose membrane filter; analytical column (250 mm x 4.6 mm; 5 µm); cartridges View All	RP-18 X-Terra'column (5 µm particles, 25 cm)
Equipment Used	High performance liquid chromatography system, Shimadzu, Kyoto, Japan; Milli-Q Biocel Ultrapure View All	HPLC system, 1200, Agilent Technologies , Wilmington, DE, USA; Vacuum Manifold, 12-port, Supelco, View All	HPLC system, 1100, Agilent